

Contents

Adoutte, A., s. Ruiz, F.	1	Response of <i>E. coli</i> to Low Levels of Alkylating Agent: The Role of <i>pplA</i> in Killing Adaptation.	299
Bergmans, H.E.N., s. Messer, W., et al.	269	Kellenberger-Gujer, G., Podhajska, A.J.: Interactions be- tween the Plasmid <i>adv</i> and <i>Escherichia coli dnaA</i> Mutants	17
Bernhard, K., s. Kreft, J., et al.	59	Kellenberger-Gujer, G., Podhajska, A.J., Caro, L.: A Cold Sensitive <i>dnaA</i> Mutant of <i>E. coli</i> which Overinitiates Chro- mosome Replication of Low Temperature.	9
Bridges, B.A., Mottershead, R.P.: Mutagenic DNA Repair in <i>Escherichia coli</i> . VIII. Involvement of DNA Polymerase III in Constitutive and Inducible Mutagenic Repair after Ultraviolet and Gamma Irradiation	35	Khesin, R.B., Leibovitch, B.A.: Influence of Deficiency of the Histone Gene-Containing 38B-40 Region on X-Chro- mosome Template Activity and the <i>White</i> Gene Position Effect Variegation in <i>Drosophila melanogaster</i>	323
Brunborg, G., Williamson, D.H.: The Relevance of the Nu- clear Division Cycle to Radiosensitivity in Yeast	277	Kobata, K., s. Otaka, E.	259
Burkardt, H.-J., s. Pühler, A.	163	Kobayashi, S., s. Toh-e, A., et al.	139
Bussey, H., s. Rogers, D.	173	Kodaira, K., s. Taketo, A.	151
Cabello, F., s. Timmis, K.N., et al.	121	Kollek, R., Oertel, W., Goebel, W.: Isolation and Character- ization of the Minimal Fragment Required for Autono- mous Replication ("Basic Replicon") of a Copy Mutant (<i>pKN102</i>) of the Antibiotic Resistance Factor R1	51
Caro, L., s. Kellenberger-Gujer, G., et al.	9	Kreft, J., Bernhard, K., Goebel, W.: Recombinant Plasmids Capable of Replication in <i>B. subtilis</i> and <i>E. coli</i>	59
Clark, W.C., Pass, P.S., Venkataraman, B., Hodgetts, R.B.: Dopa Decarboxylase from <i>Drosophila melanogaster</i> . Puri- fication, Characterization and an Analysis of Mutants	287	Kück, U., s. Stahl, U., et al.	341
Clarke, C.H.: A Direct Confirmation of the Specificity of Mutation Frequency Decline for Suppressor Mutations (Short Communication).	345	Lanka, E., s. Staudenbauer, W.L., et al.	243
Cocito, C.: Pressure Dissociation of Bacterial Ribosomes and Reassociation of Ribosomal Subunits.	43	Lefort, C., s. Decaris, B., et al.	69
Coddington, A., s. Ibrahim, M.A.K.	213	Leibovitch, B.A., s. Khesin, R.B.	323
Cohen, S.N., s. Timmis, K.N., et al.	121	Lemke, P.A., s. Stahl, U., et al.	341
Davies, P.J., Parry, J.M.: The Modification of Induced Gen- etic Change in Yeast by an Amino Acid Analogue	183	Louarn, J.M., s. Fayet, O.	109
Decaris, B., Francou, F., Lefort, C., Rizet, G.: Unstable Ascospore Color Mutants of <i>Ascochola immersus</i> . I. Tem- poral Occurrence and Modalities of Back-Mutations	69	Margarita, D., s. Saint-Girons, I.	101
Defais, M., s. Jeggo, P., et al.	299	Matsumoto, K., Takahashi, H., Saito, H., Ikeda, Y.: Genetic Defects in DNA Repair System and Enhancement of In- tergenote Transformation Efficiency in <i>Bacillus subtilis</i> Marburg	229
Dessein, A., Schwartz, M., Ullmann, A.: Catabolite Re- pression in <i>Escherichia coli</i> Mutants Lacking Cyclic AMP Dessein, A., Tillier, F., Ullmann, A.: Catabolite Modulator Factor: Physiological Properties and in vivo Effects	83	McConnell, D.J., s. Gordon, R.L., et al.	329
Devine, E.A., s. Vogel, R.H., et al.	157	Meijer, M., s. Messer, W., et al.	269
Doi, S., Yoshimura, M.: Temperature-Dependent Con- version of Sexual Agglutinability in <i>Saccharomyces cerevisiae</i> Esser, K., s. Stahl, U., et al.	251	Messer, W., Bergmans, H.E.N., Meijer, M., Womack, J.E., Hansen, F.G., Meyenburg, K. von: Mini-Chromosomes: Plasmids which Carry the <i>E. coli</i> Replication Origin	269
Fayet, O., Louarn, J.-M.: Map Position of the Replication Origin on the <i>E. coli</i> Chromosome (Short Communica- tion).	341	Meyenburg, K. von, s. Messer, W., et al.	269
Francou, F., s. Decaris, B., et al.	109	Mills, D.: 8-Hydroxyquinoline Inhibition of DNA Synthesis and Intragenic Recombination During Yeast Meiosis	221
Fukuhara, H., Moustacchi, E., Weslowski, M.: Preferential Deletion of a Specific Region of Mitochondrial DNA in <i>Saccharomyces cerevisiae</i> by Ethidium Bromide and 3-Carboxy- <i>Psoralen</i> . Directional Retention of DNA Sequence	69	Mottershead, R.P., s. Bridges, B.A.	35
Goebel, W., s. Kollek, R., et al.	191	Moustacchi, E., s. Fukuhara, H., et al.	191
Goebel, W., s. Kreft, J., et al.	51	Nierlich, D.P., s. Petersen, N.S.	319
Gordon, R.L., Humphries, P., McConnell, D.J.: Restriction Enzyme Cleavage Mapping of T7 Virus Early Region.	59	Oertel, W., s. Kollek, R., et al.	51
Hansen, F.G., s. Messer, W., et al.	329	Oshima, Y., s. Toh-e, A., et al.	139
Hodgetts, R.B., s. Clark, W.C., et al.	269	Otaka, E., Kobata, K.: Yeast Ribosomal Proteins. I. Charac- terization of Cytoplasmic Ribosomal Proteins by Two- Dimensional Gel Electrophoresis.	259
Hollenberg, C.P.: Mapping of Regions on Cloned <i>Saccharo- myces cerevisiae</i> 2- μ m DNA Coding for Polypeptides Syn- thesized in <i>Escherichia coli</i> Minicells	287	Padhy, R.N., Singh, P.K.: Genetical Studies on the Hetero- cyst and Nitrogen Fixation of the Blue-Green Alga <i>Nostoc muscorum</i>	203
Hopwood, D.A., Wright, H.M.: Bacterial Protoplast Fusion: Recombination in Fused Protoplasts of <i>Streptomyces coe- licolor</i>	23	Parry, J.M., s. Davies, P.J.	183
Humphries, P., s. Gordon, R.L., et al.	307	Pass, P.S., s. Clark, W.C., et al.	287
Ibrahim, M.A.K., Coddington, A.: Genetical Studies on Re- vertants to Sensitivity from a Cycloheximide Resistant Strain of <i>Schizosaccharomyces pombe</i>	329	Petersen, N.S., Nierlich, D.P.: Yeast Mutant, <i>rna1</i> , Affects the Entry into Polysomes of Ribosomal RNA as well as Messenger RNA	319
Ikeda, Y., s. Matsumoto, K., et al.	213	Podhajska, A.J., s. Kellenberger-Gujer, G., et al.	9, 17
Jeggo, P., Defais, M., Samson, L., Schendel, P.: The Adaptive	229	Pühler, A., Burkardt, H.-J.: Fertility Inhibition in <i>Rhizo- bium lupini</i> by the Resistance Plasmid RP4	163

Expression of the Threonine Operon in <i>Escherichia coli</i> K-12	95	Tillier, F., s. Dessein, A., et al.	89
Saint-Girons, I., Margarita, D.: Fine Structure Analysis of the Threonine Operon in <i>Escherichia coli</i> K-12	101	Timmis, K.N., Cabello, F., Cohen, S.N.: Cloning and Characterization of <i>Eco</i> RI and <i>Hind</i> III Restriction Endonuclease-Generated Fragments of Antibiotic Resistance Plasmids R6-5 and R6	121
Saito, H., s. Matsumoto, K., et al.	229	Toh-e, A., Kobayashi, S., Oshima, Y.: Disturbance of the Machinery for the Gene Expression by Acidic pH in the Repressible Acid Phosphatase System of <i>Saccharomyces cerevisiae</i>	139
Samson, L., s. Jeggo, P., et al.	299	Tudzynski, P., s. Stahl, U., et al.	341
Schendel, P., s. Jeggo, P., et al.	299	Ullmann, A., s. Dessein, A., et al.	83, 89
Schieder, O.: Somatic Hybrids of <i>Datura innoxia</i> Mill. + <i>Datura discolor</i> Bernh. and of <i>Datura innoxia</i> Mill. + <i>Datura stramonium</i> L. var. <i>tatula</i> L. I. Selection and Characterisation	113	Venkataraman, B., s. Clark, W.C., et al.	287
Schuster, H., s. Staudenbauer, W.L., et al.	243	Vogel, H.J., s. Vogel, R.H., et al.	157
Schwartz, M., s. Dessein, A., et al.	83	Vogel, R.H., Devine, E.A., Vogel, H.J.: Evidence for Translational Repression of Arginine Biosynthetic Enzymes in <i>Escherichia coli</i> : Altered Regulation in a Streptomycin-Resistant Mutant	157
Simonet, J.-M., Zickler, D.: Genes Involved in Caryogamy and Meiosis in <i>Podospora anserina</i>	237	Weslowski, M., s. Fukuhara, H., et al.	191
Singh, P.K., s. Padhy, R.N.	203	Williamson, D.H., s. Brunborg, G.	277
Stahl, U., Lemke, P.A., Tudzynski, P., Kück, U., Esser, K.: Evidence for Plasmid Like DNA in a Filamentous Fungus, the Ascomycete <i>Podospora anserina</i> (Short Communication)	341	Womack, J.E., s. Messer, W., et al.	269
Staudenbauer, W.L., Lanka, E., Schuster, H.: Replication of Small Plasmids in Extracts of <i>Escherichia coli</i> . Involvement of the <i>dnaB</i> and <i>dnaC</i> Protein in the Replication of Early Replicative Intermediates	243	Wright, H.M., s. Hopwood, D.A.	307
Takahashi, H., s. Matsumoto, K., et al.	229	Yoshimura, M., s. Doi, S.	251
Taketo, A., Kodaira, K.: Growth of Single-Stranded DNA Phages in Replication Mutants of <i>Escherichia coli</i>	151	Zickler, D., s. Simonet, J.-M.	237

Indexed in Current Contents

